Mediscience Devices
(An Unit of Mediscience Services)

Elamed Russia, Model: TVGD-01 - Transpalpebral Digital Pocket Tonometer



Key Features:

- Transpalpebral (through-the-eyelid) digital tonometer for intraocular pressure (IOP) measurement.
- No direct corneal contact, reducing the risk of infection and eliminating the need for topical anesthetic.
- Fast, painless, and non-invasive measurement.
- Suitable for adults and children.
- Ideal for patients with corneal abnormalities, post-operative eyes, pediatric patients, and individuals who cannot undergo conventional corneal tonometry.
- Lightweight, handheld, and portable design.
- Advanced digital microprocessor with pressure sensor for accurate IOP measurement.
- Audible and visual indicators for easy operation.

Applications:

- Ophthalmology clinics
- Eye hospitals
- Glaucoma screening
- Pediatric ophthalmology
- General eye examinations
- Community eye camps and outreach programs

Technical Specifications:

Brand:	Elamed (Russia)
Model:	TVGD-01
Measurement Range:	5 – 60 mmHg
Measurement Time:	Approximately 1–2 seconds
Accuracy:	±2 mmHg (within specified range)
Dimensions:	176 × 26 × 20 mm
Weight:	Approximately 80–90 g
Power Supply:	2 × AAAA 1.5V batteries (3V DC)

DISTRIBUTED BY:
MEDISCIENCE DEVICES

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